

DP-303697

BRAZING OF ALUMINUM HEAT EXCHANGERS USING KINETIC SPRAYED COATINGS

ABSTRACT OF THE DISCLOSURE

The present invention is directed to a process for preparing aluminum and aluminum alloy surfaces in heat exchangers for brazing by depositing thereon a kinetic sprayed brazing composition. The process simultaneously deposits monolith or composite coatings that can include all braze materials and corrosion protection materials used in the brazing of aluminum fins to plates and tubes in a single stage.

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